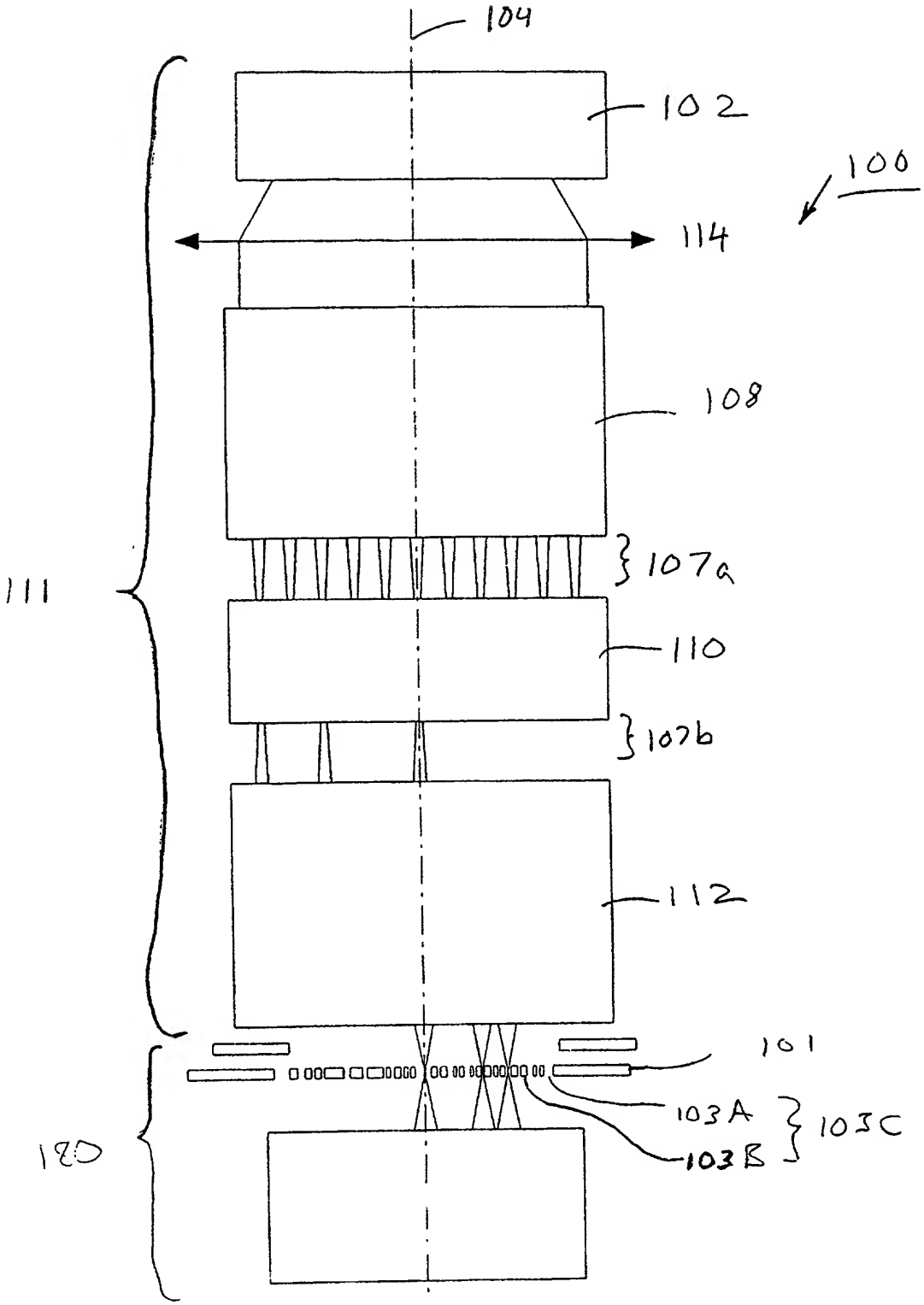


4006575 - 25-Feb-04

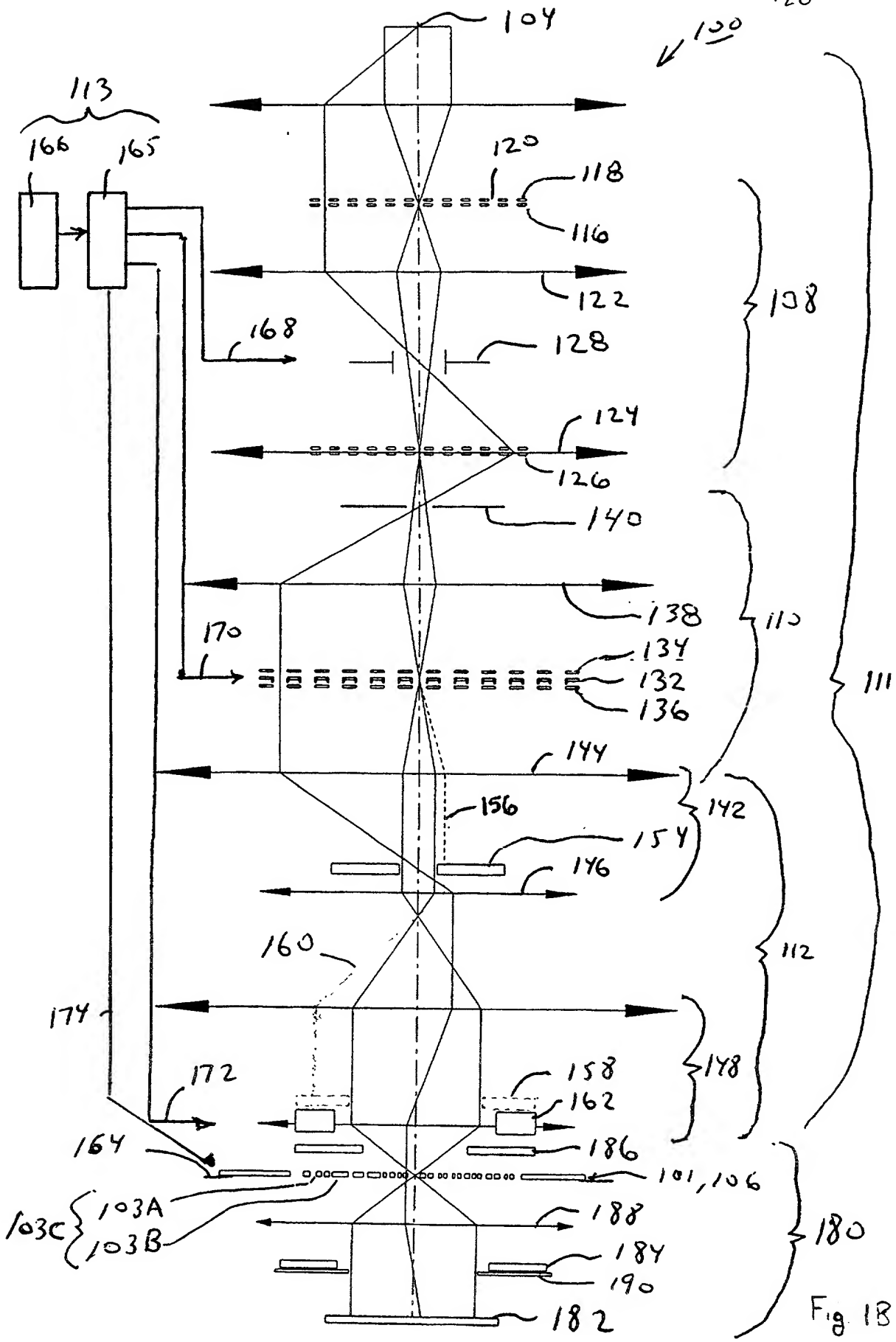


Fig 18

1008259.6 - 6/9/04

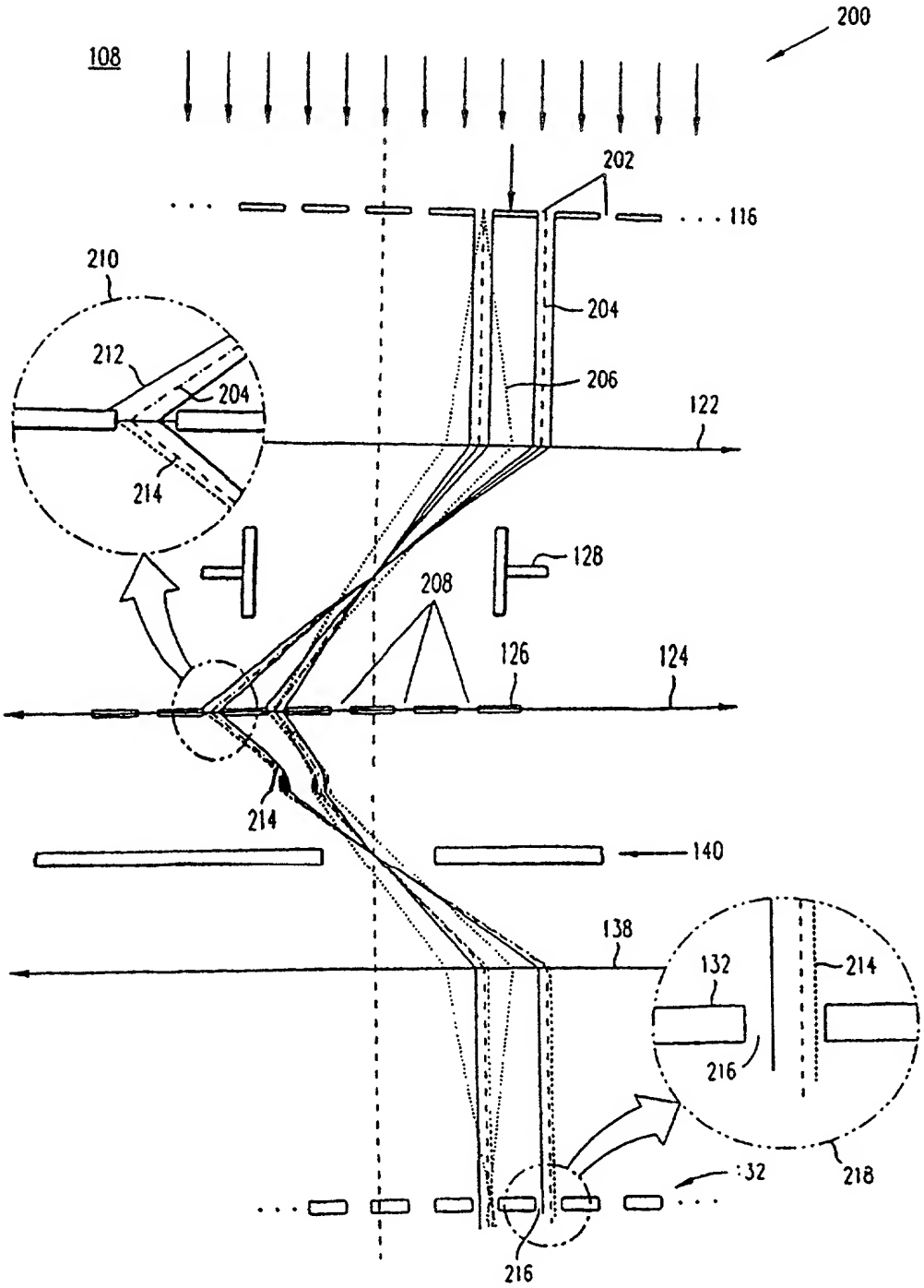


FIG. 2

FOOTER - 4/28/2005

1 0 0 2 6 3 7 6 . 2 0 0 2 9 0 4

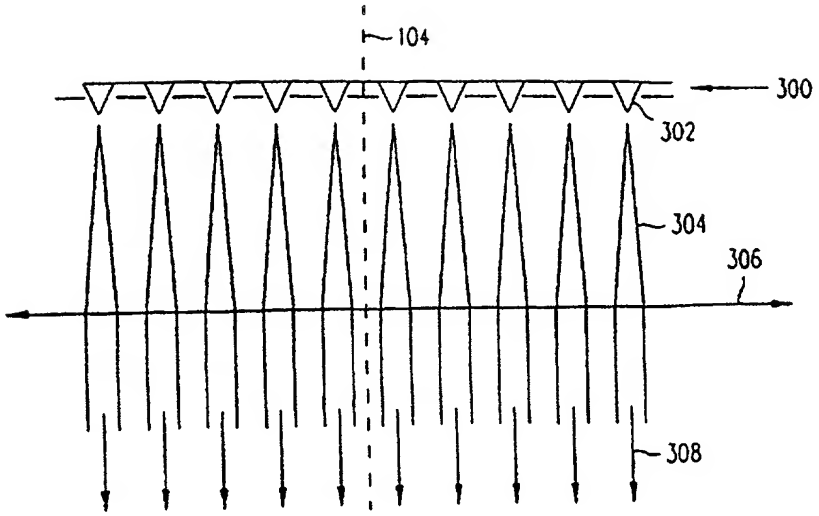


FIG. 3A

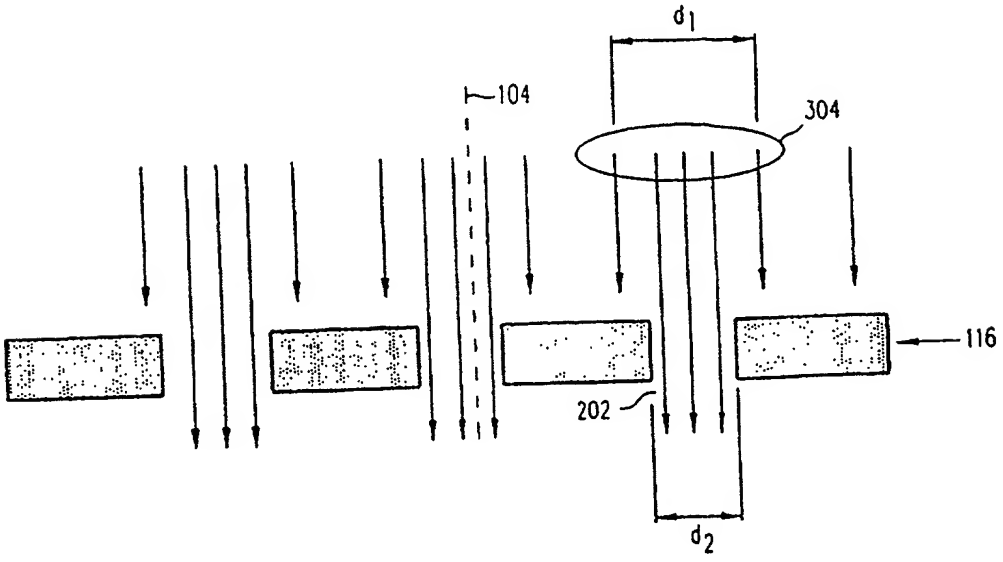


FIG. 4

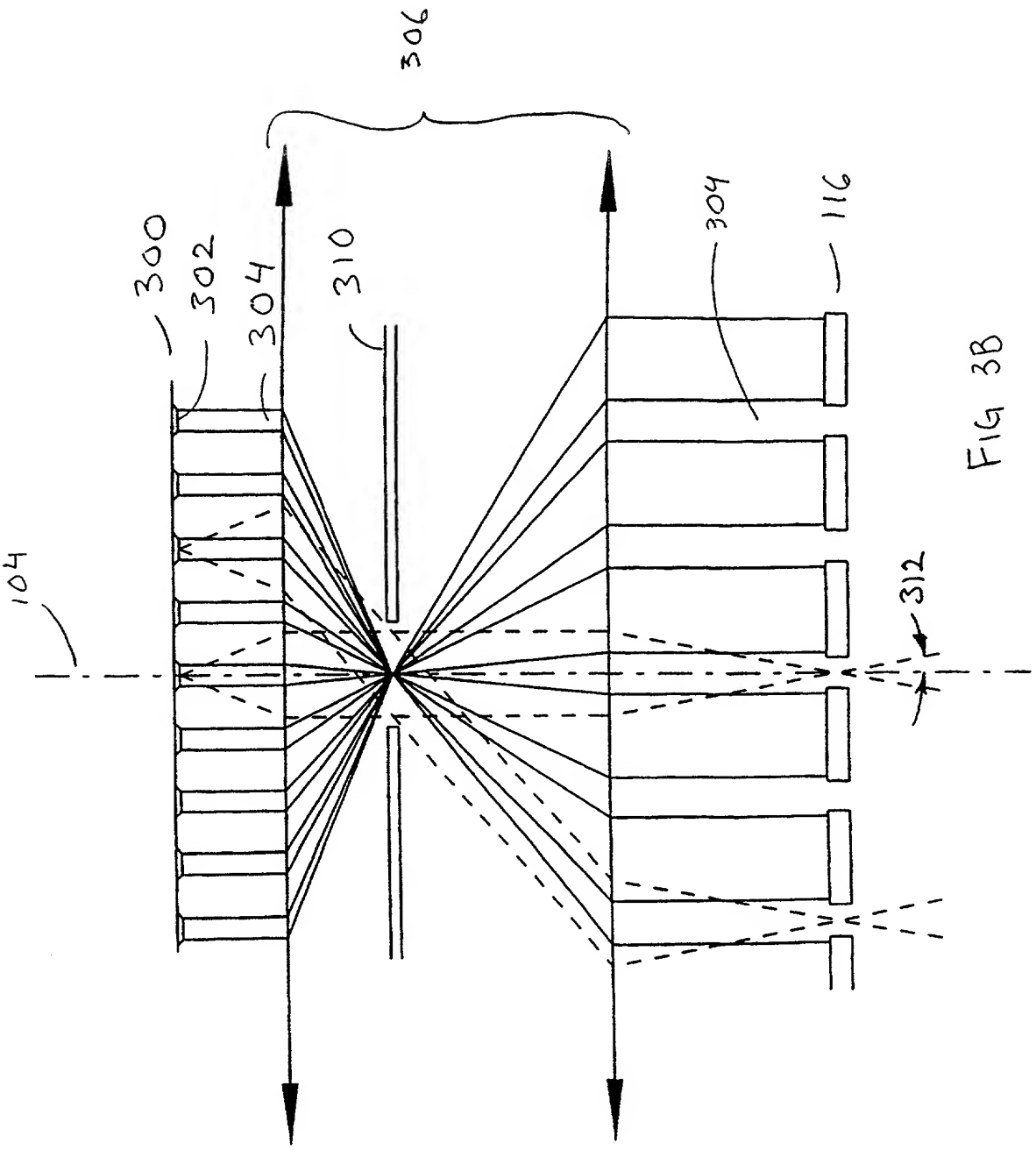


FIG 3B

1-888-247-5288

T08T2T 6Z69280T

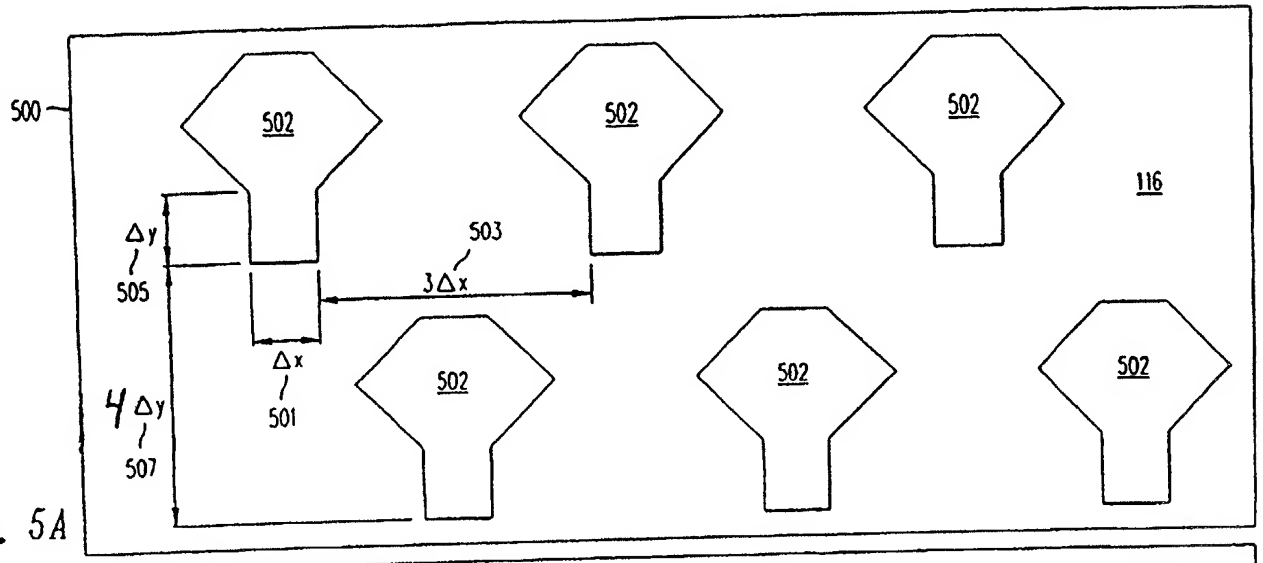


FIG. 5A

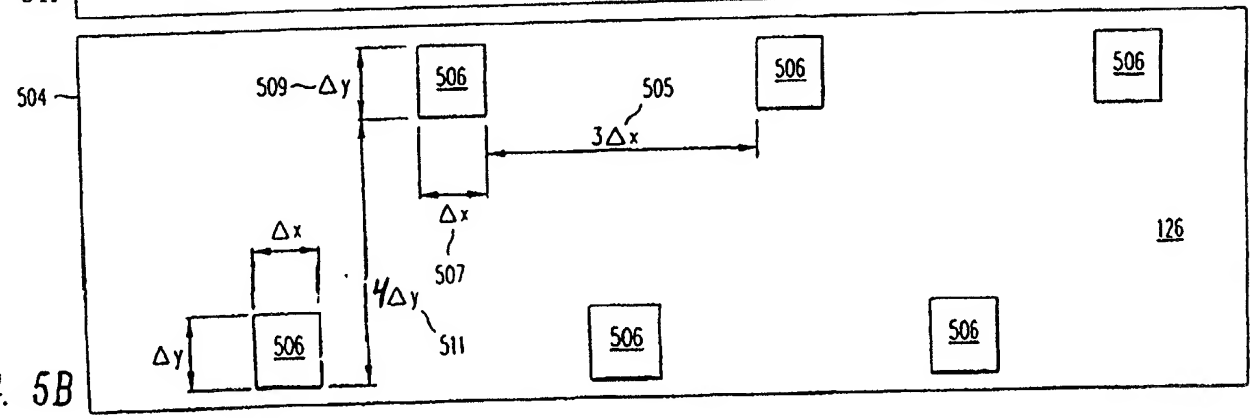


FIG. 5B

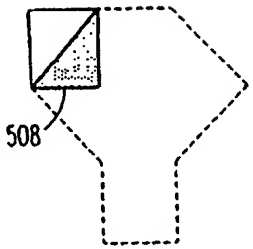


FIG. 5C

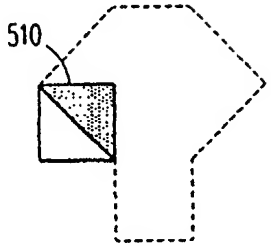


FIG. 5D

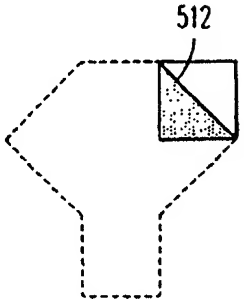


FIG. 5E

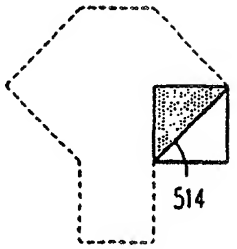


FIG. 5F

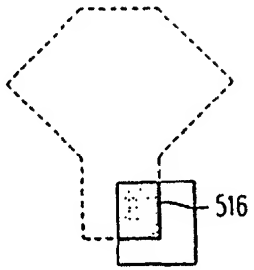


FIG. 5G

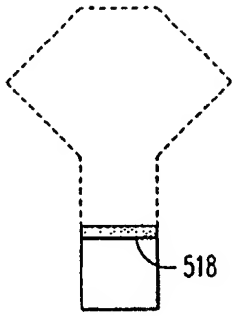


FIG. 5H

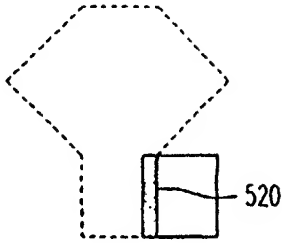


FIG. 5I

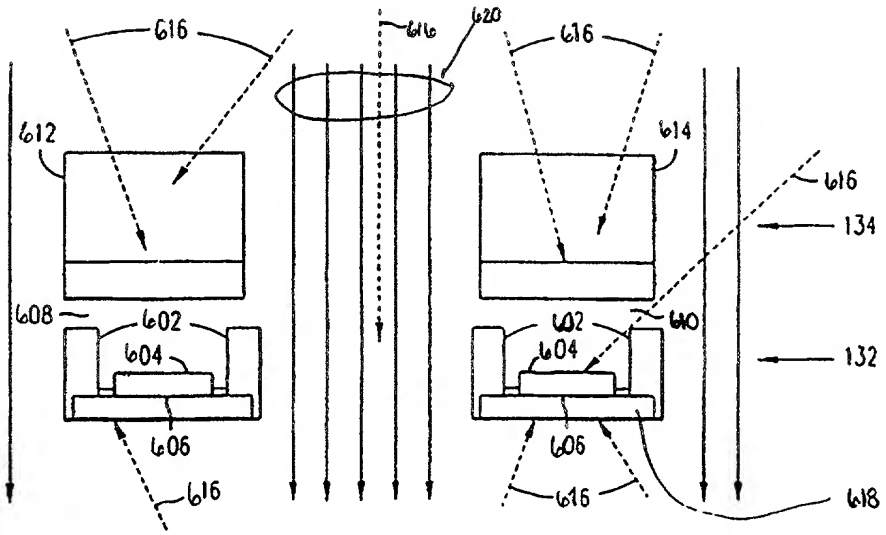


FIG. 6

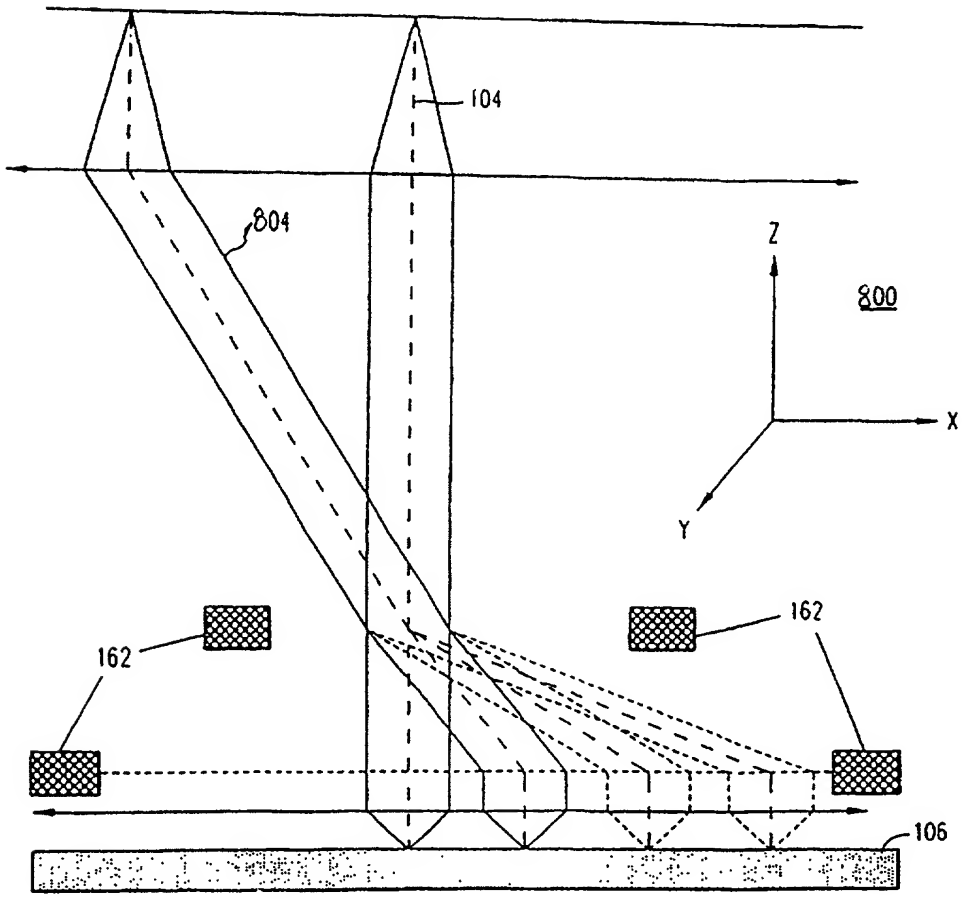


FIG. 8

FOREST-2595004

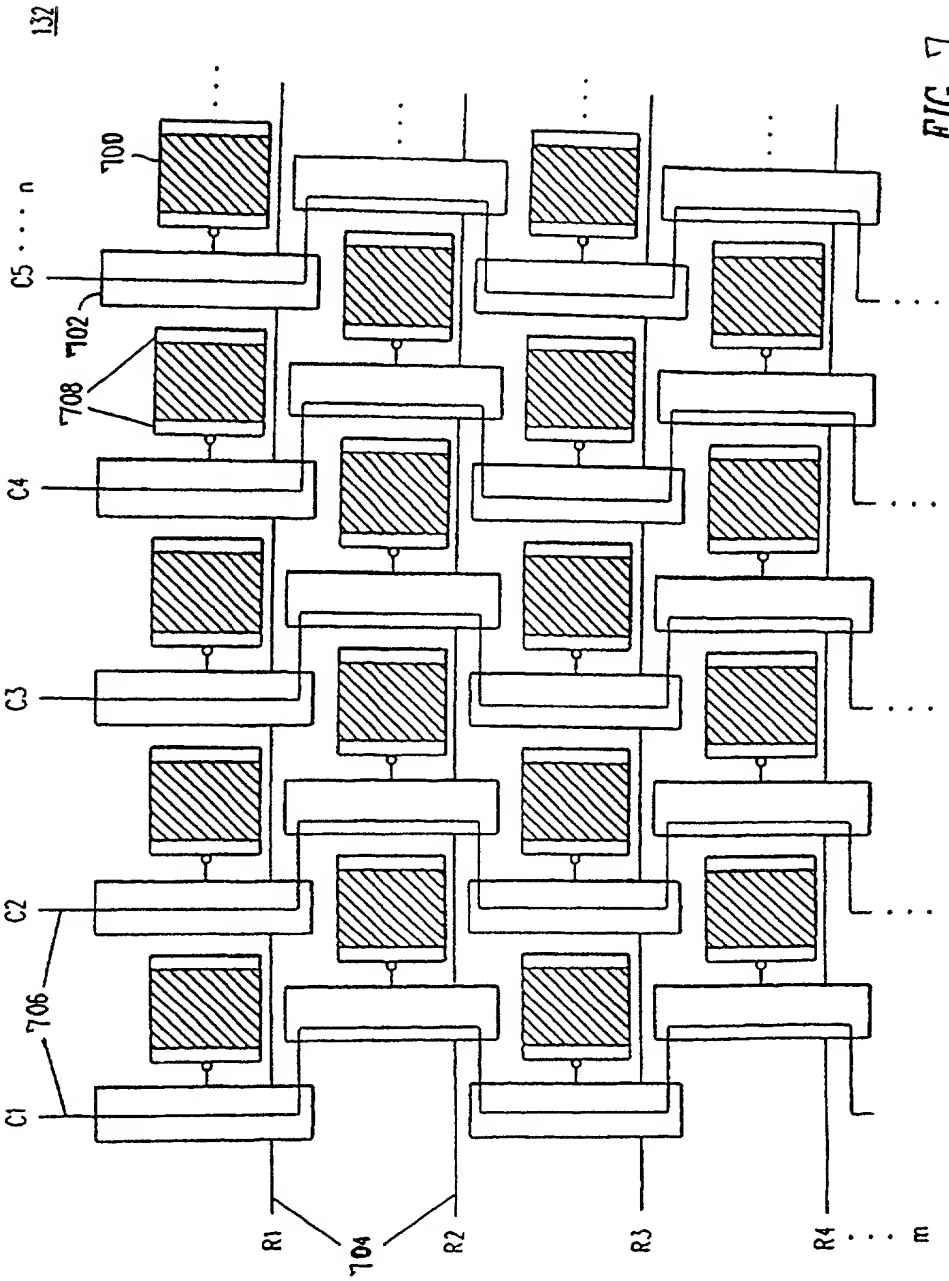


FIG. 7

EP 0 847 576 B1

T08T2S" 6ZE920DT

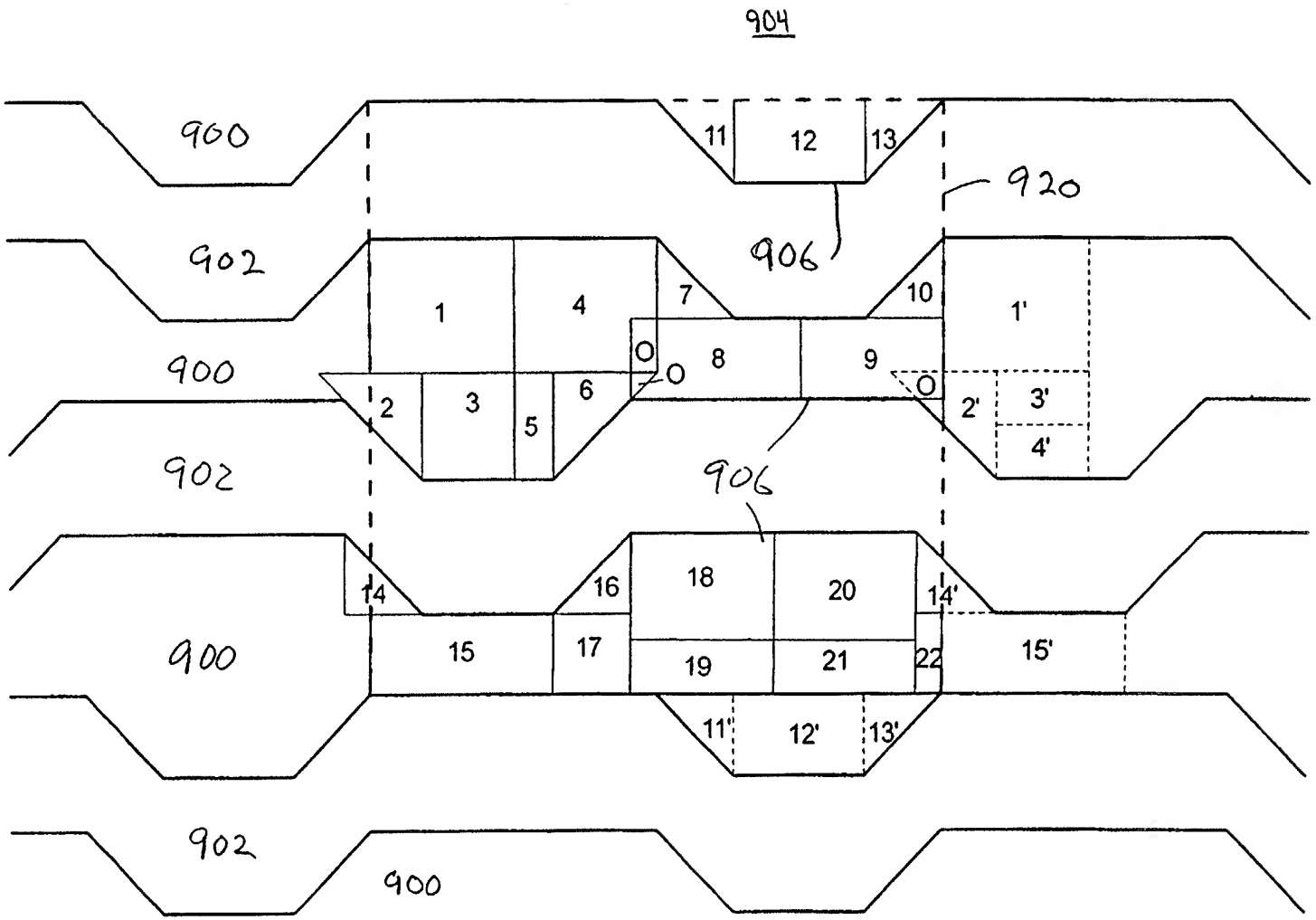


Figure 9A

T08T2T* 6Z69200T

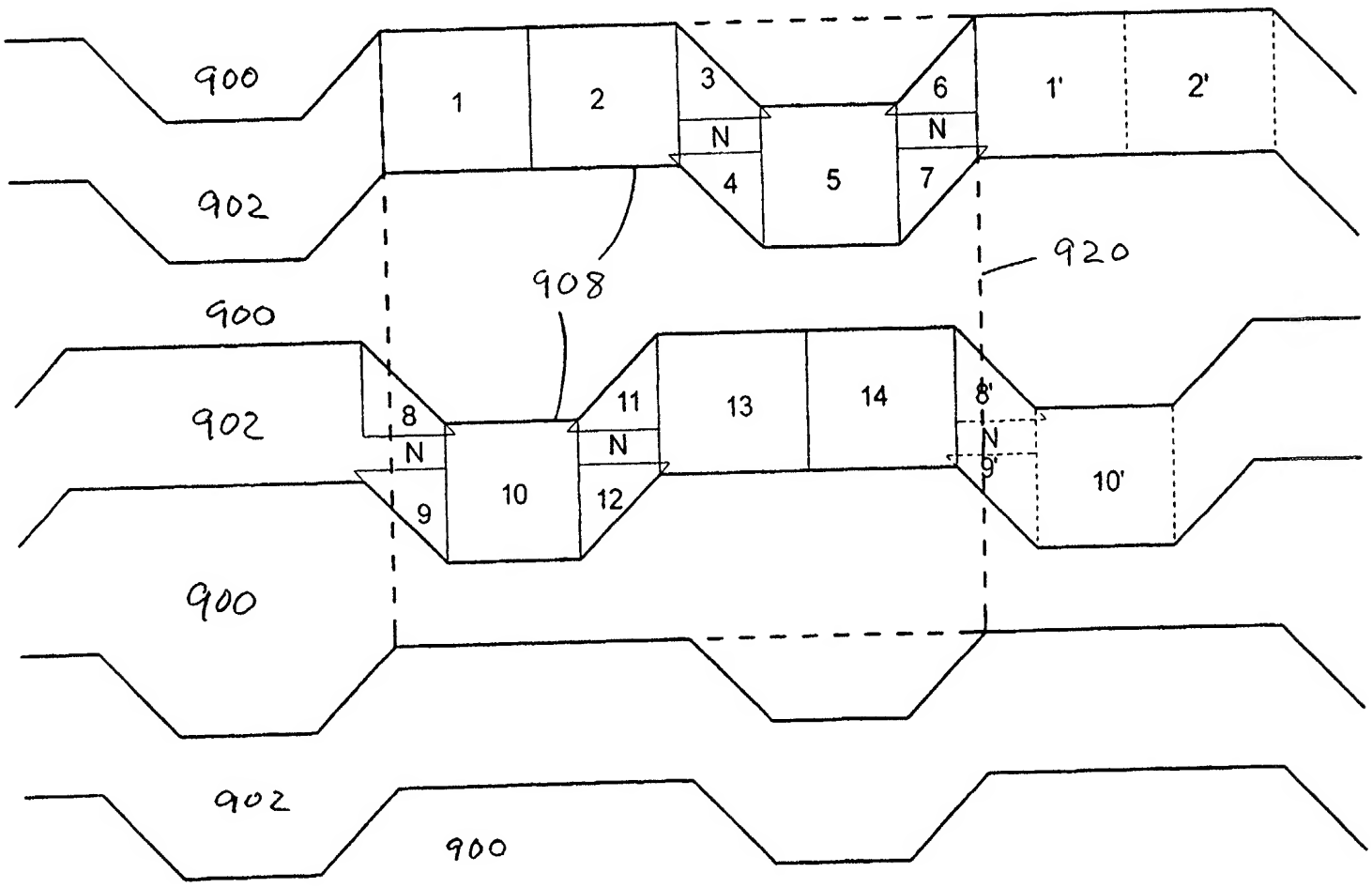


Figure 9B

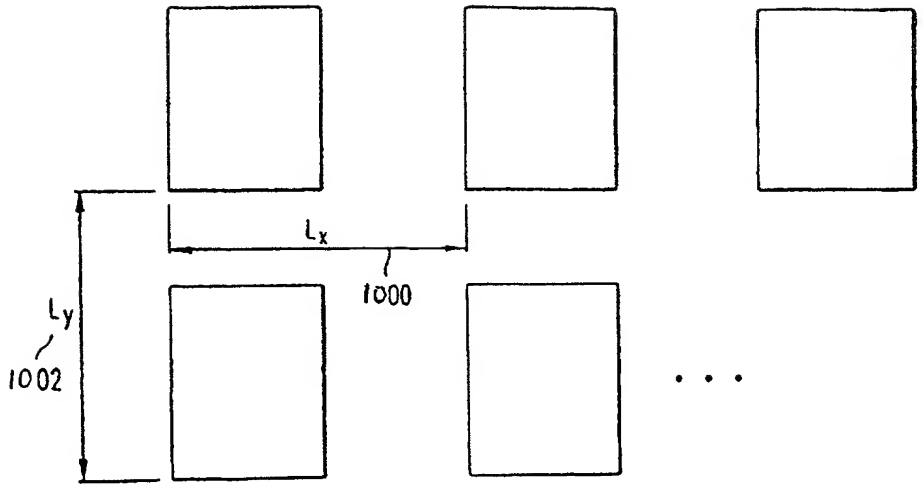


FIG. 10A

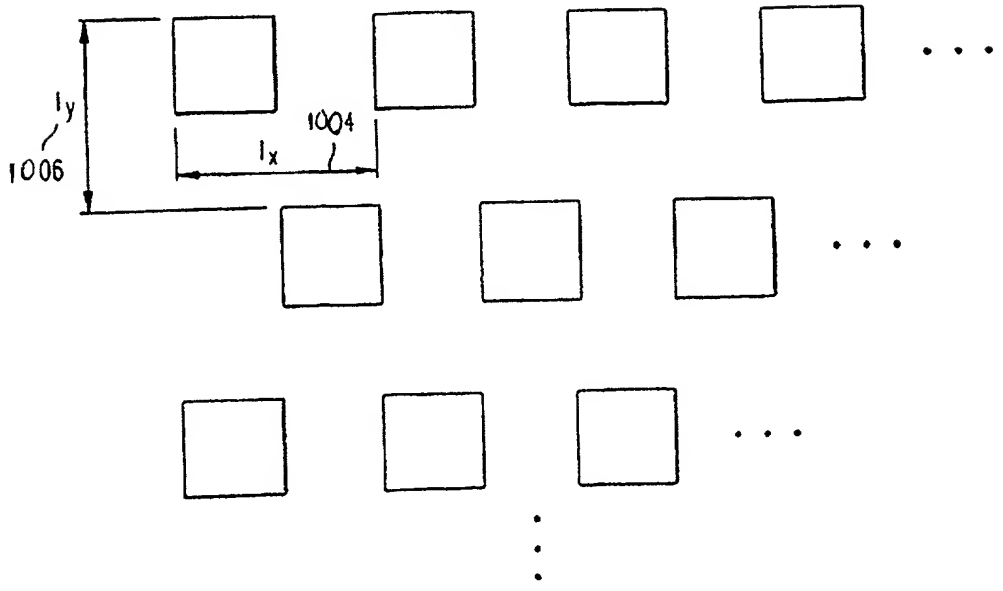


FIG. 10B

WO 96/27875 PCT/US96/02904

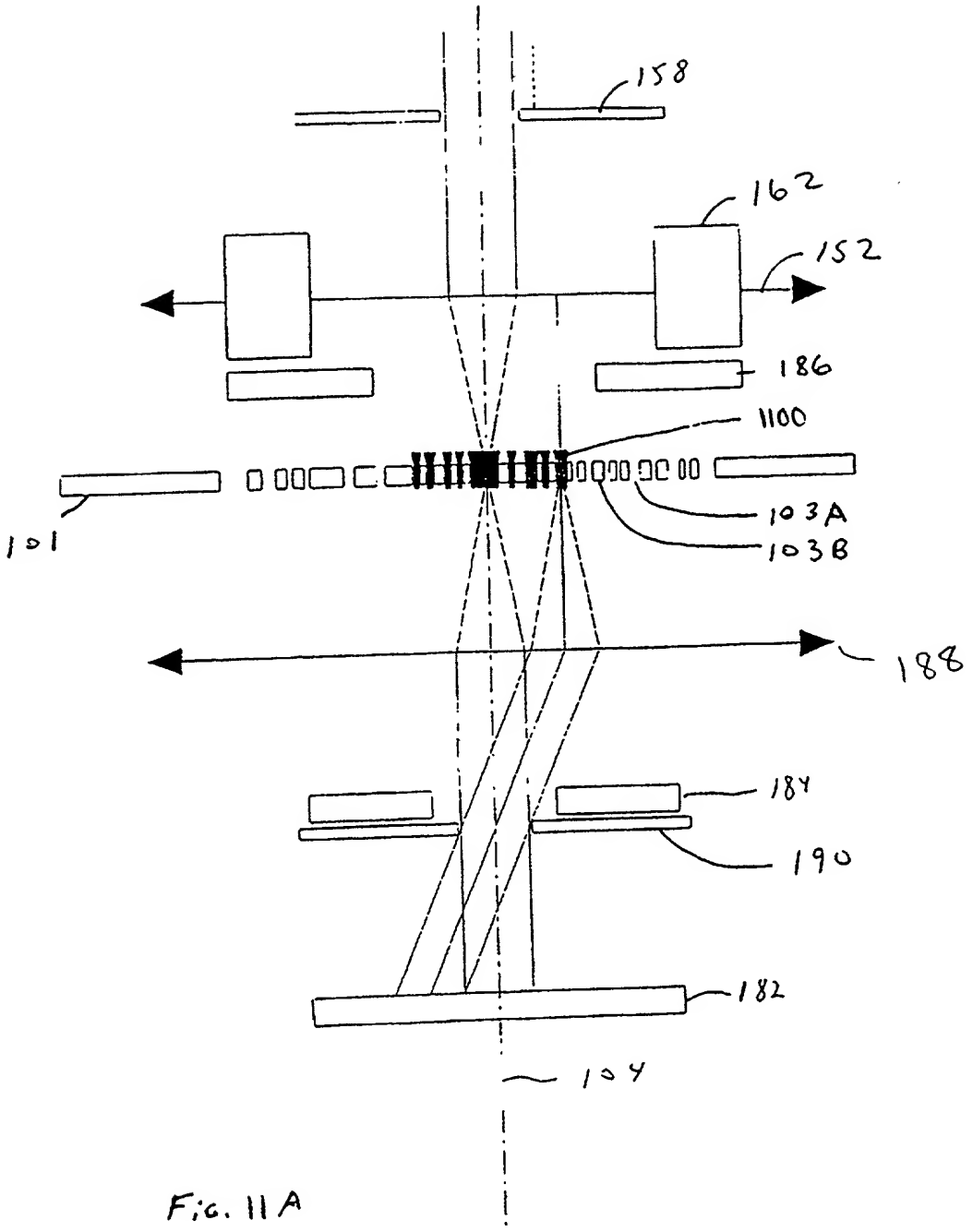


Fig. 11A

PCT/US97/05805

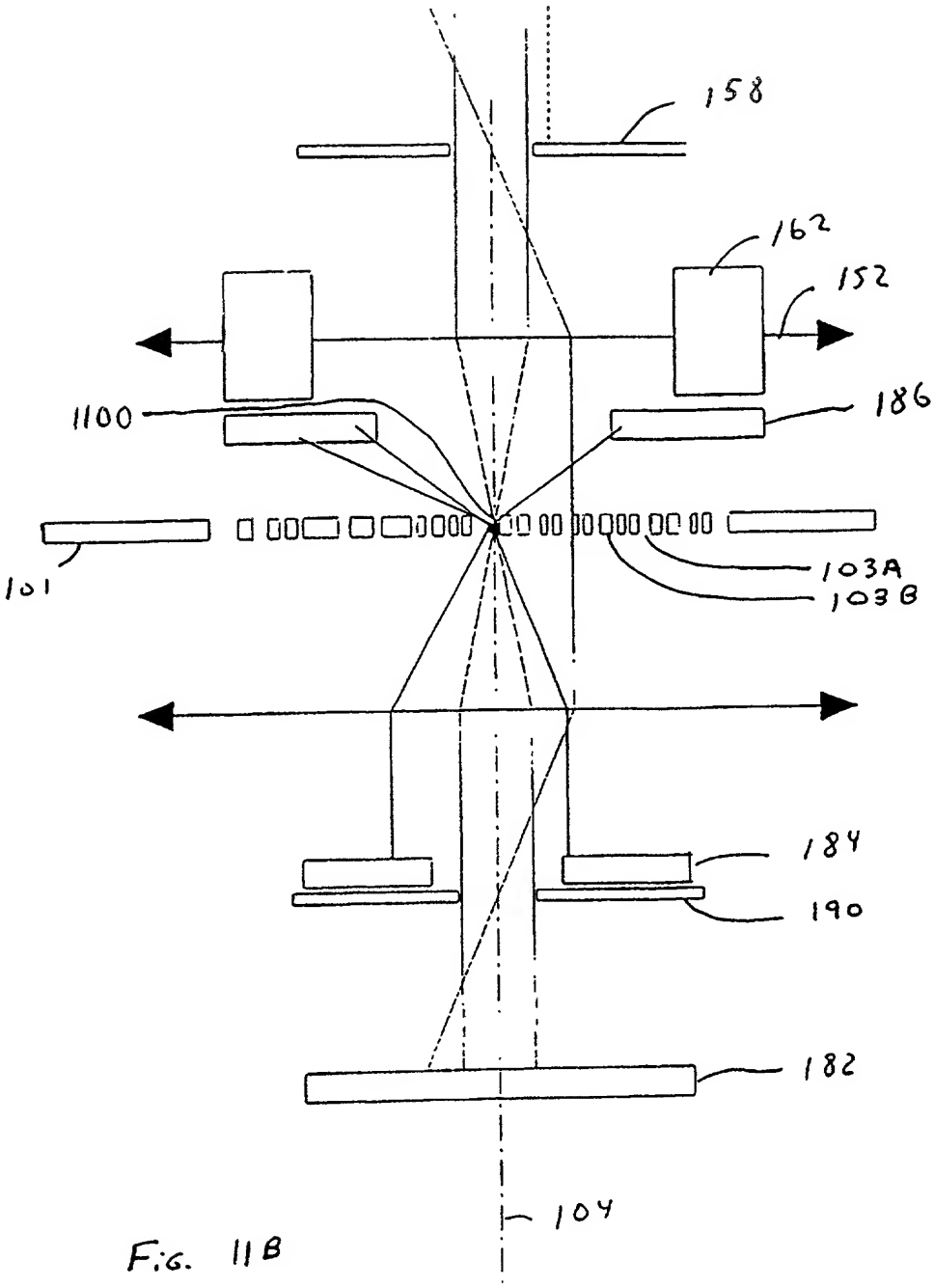


Fig. 11B

WO 2004/059706 PCT/US2003/040901

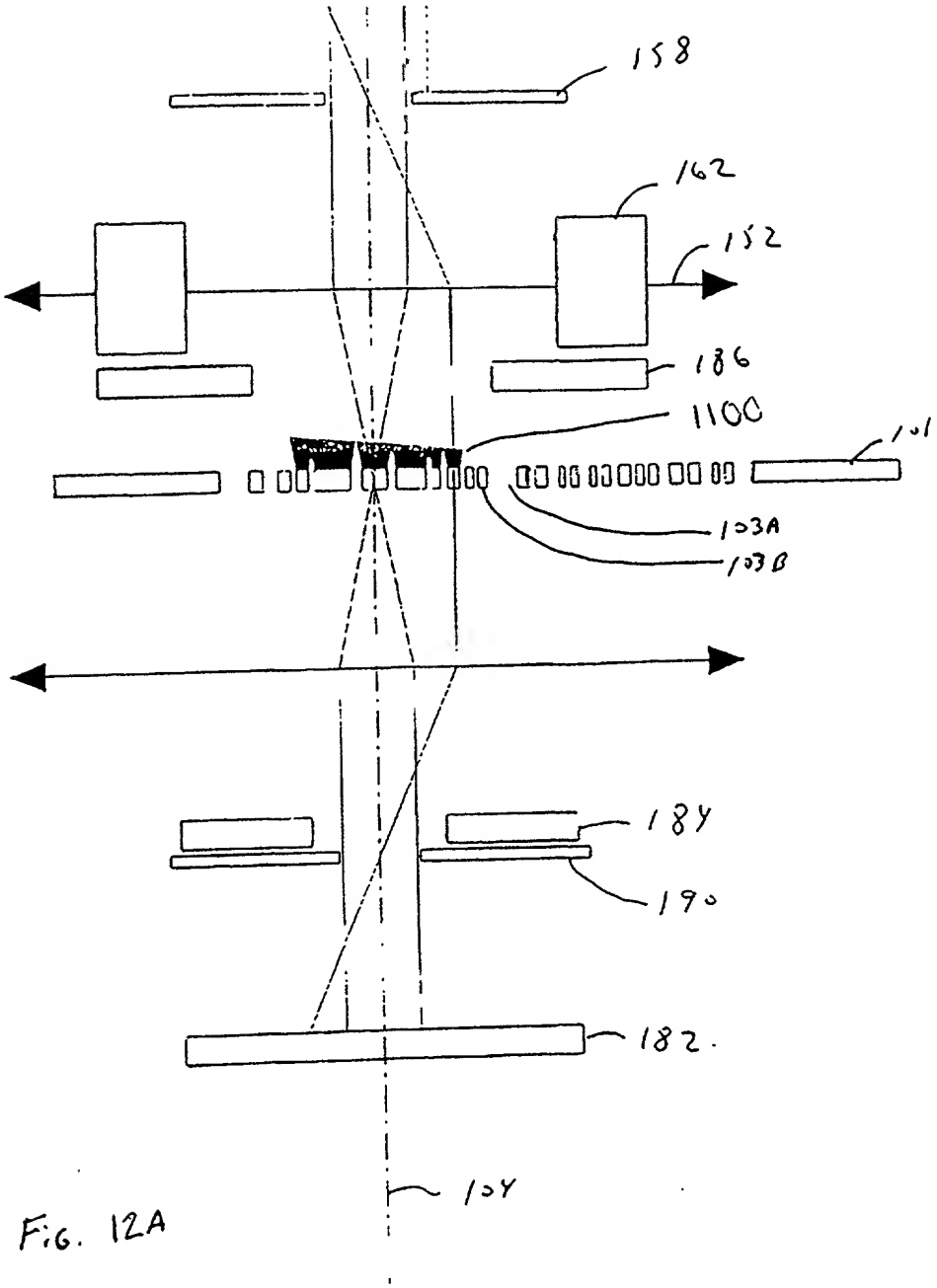


Fig. 12A

WO 97/29509 PCT/US97/02004

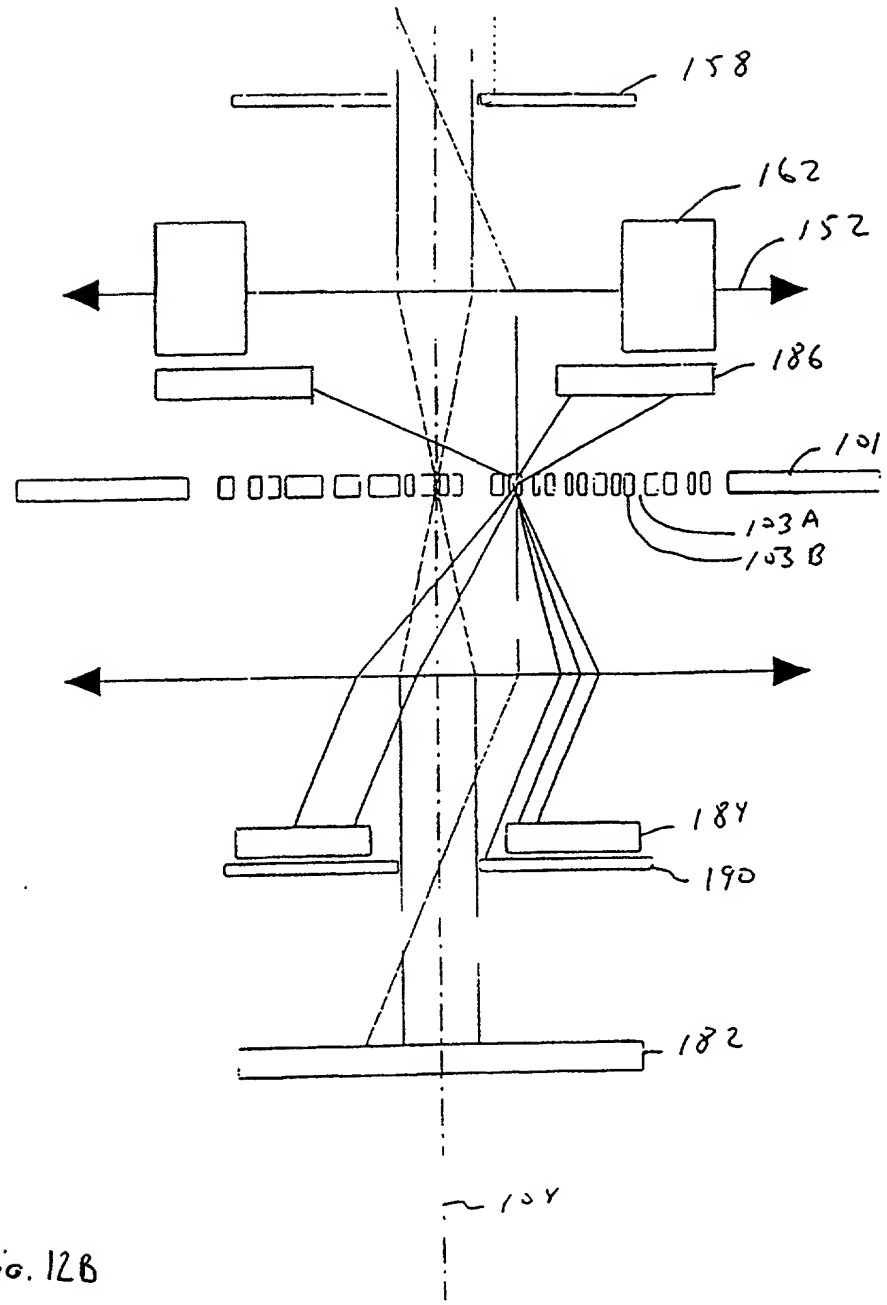


Fig. 12B

TOSTET 6ZE92001

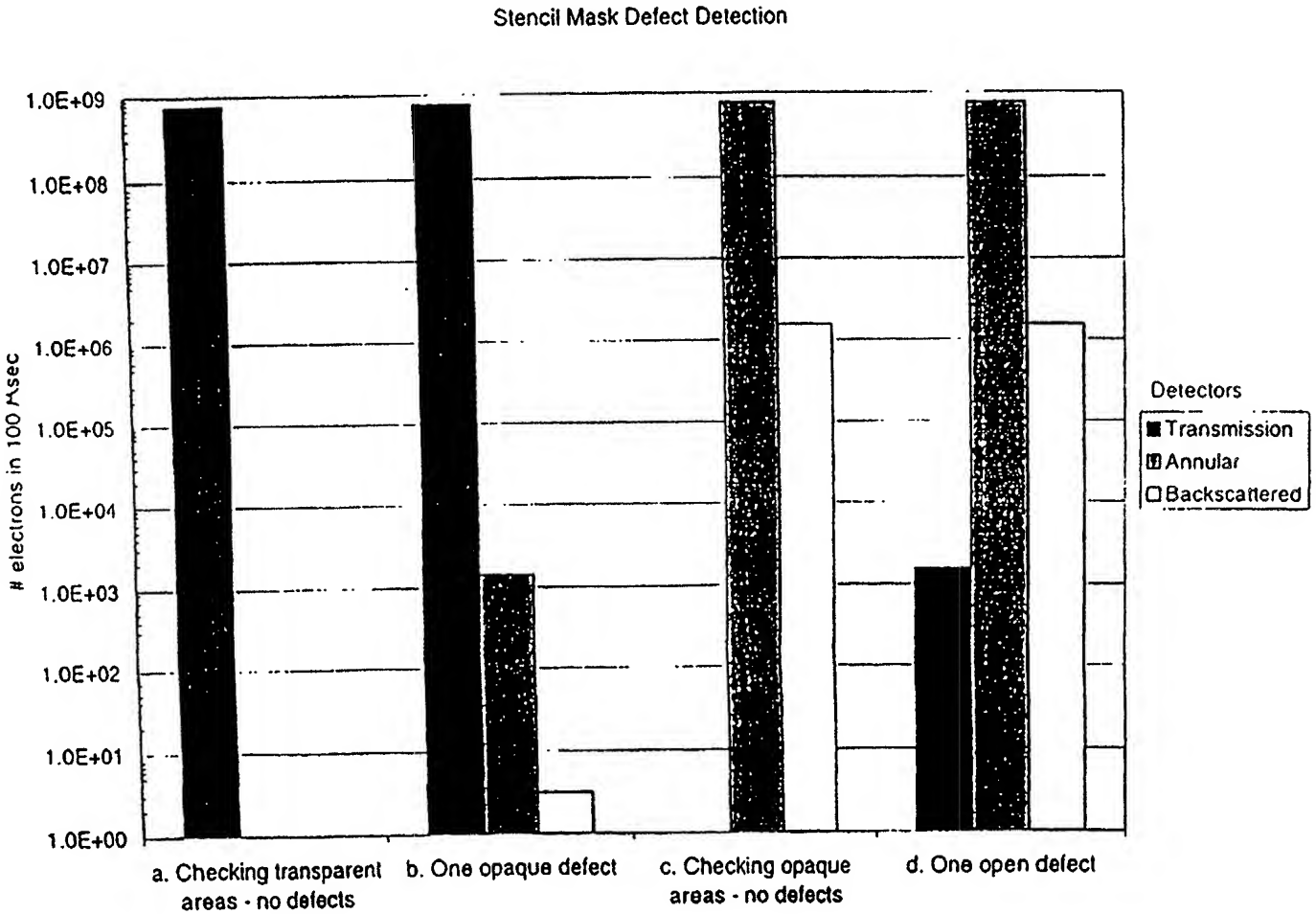


Fig. 13

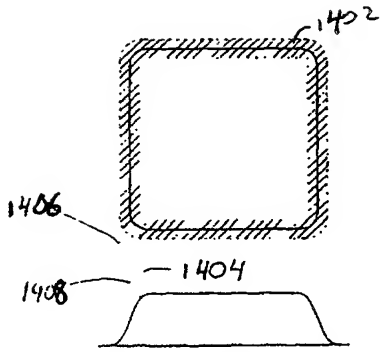


FIG. 14A

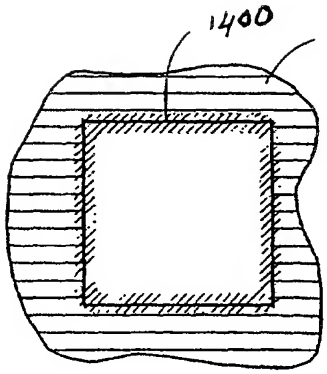


FIG. 14B

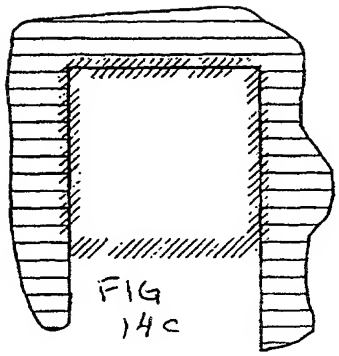


FIG 14C

FIG 14E

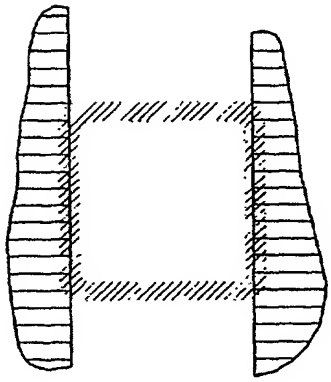
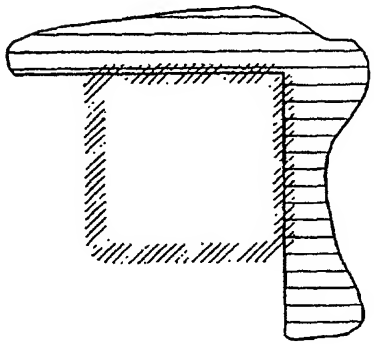


FIG 14D



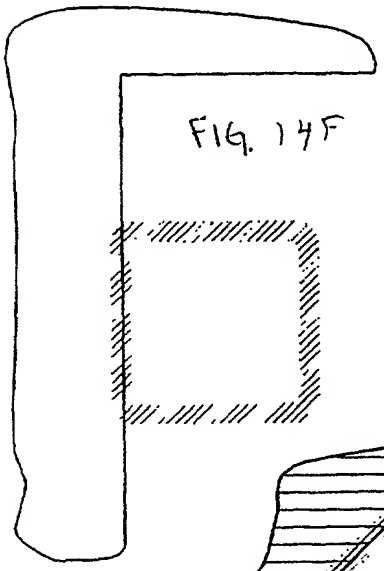


FIG. 14F

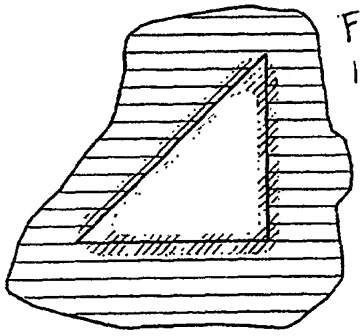


FIG. 14G

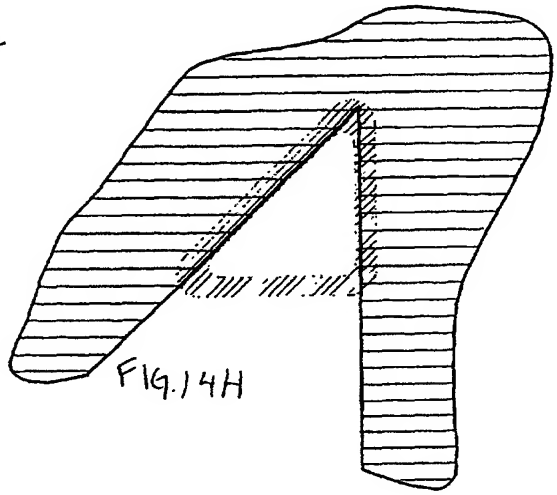


FIG. 14H

FOOD3370 - 1251804

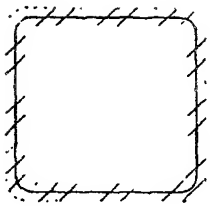


FIG. 14I

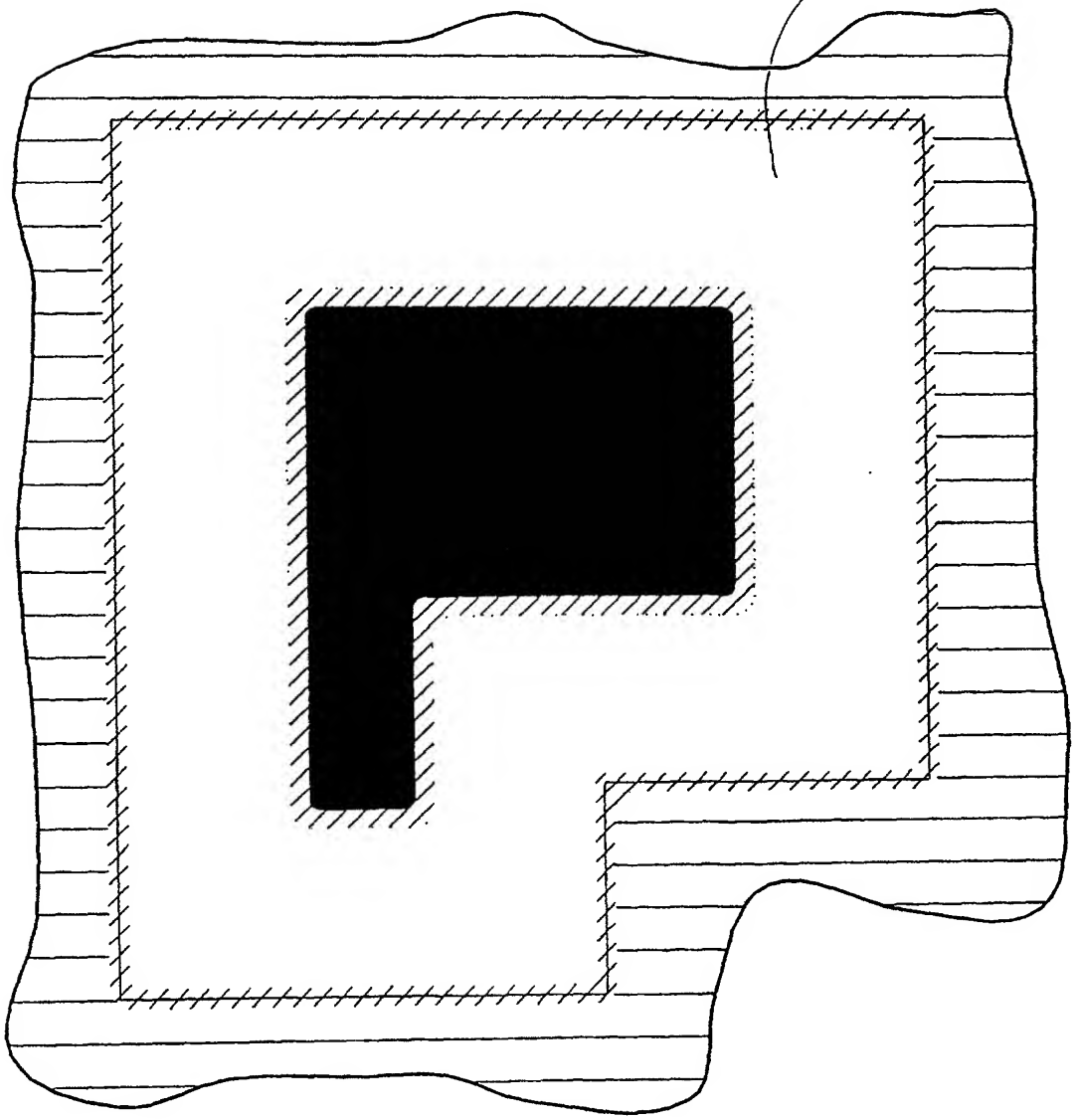
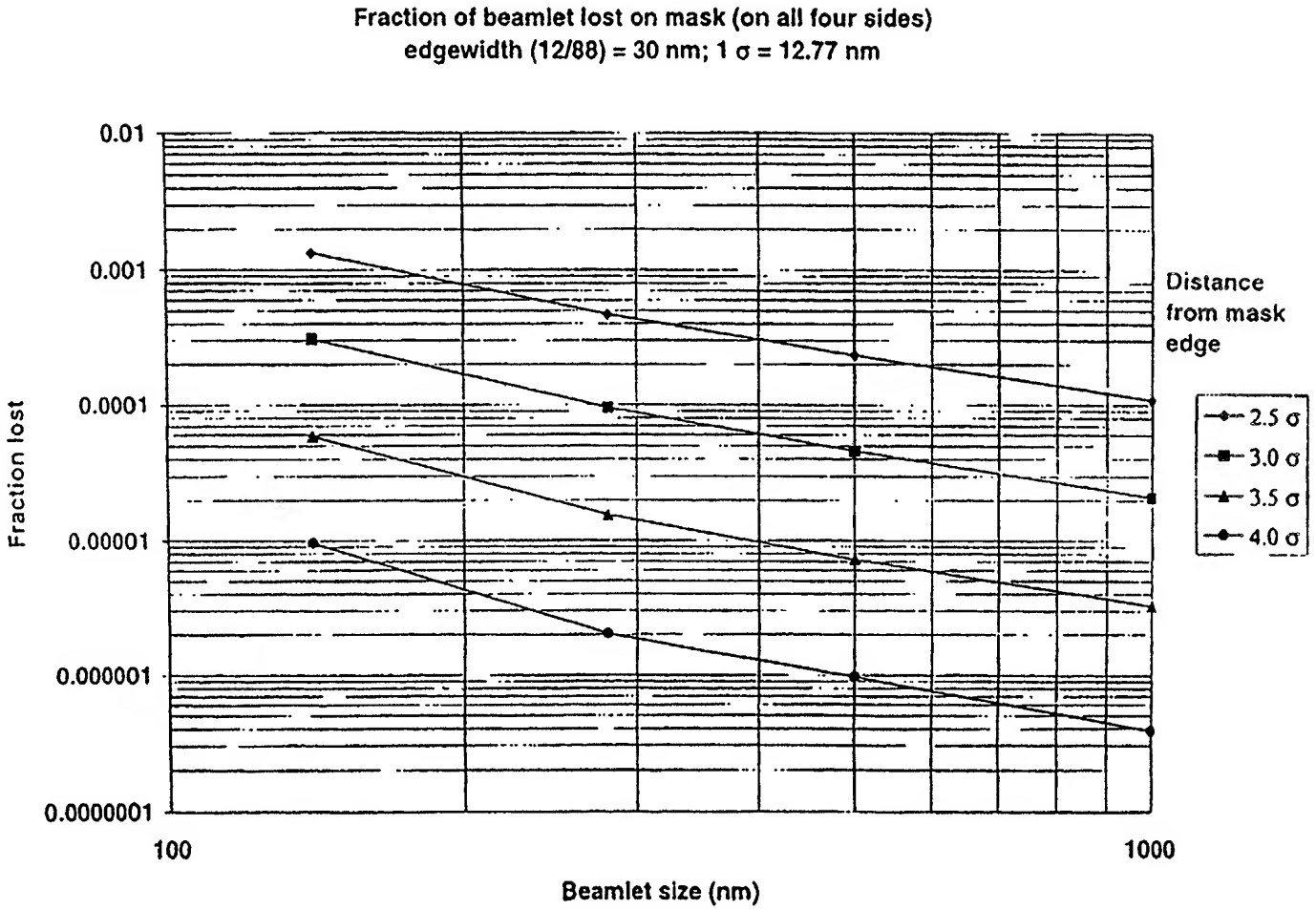


FIG. 14J

WO 2004/059404 PCT/US2003/040904


Fraction of beamlet lost on mask (on all four sides)
edgewidth (12/88) = 30 nm; 1 σ = 12.77 nm
0.01
0.001
0.0001
0.00001
0.000001
0.0000001
Fraction lost
100
1000
Beamlet size (nm)
Distance from mask edge
2.5 σ
3.0 σ
3.5 σ
4.0 σ

F.c. 15A

TOSTZT "6ZE92001

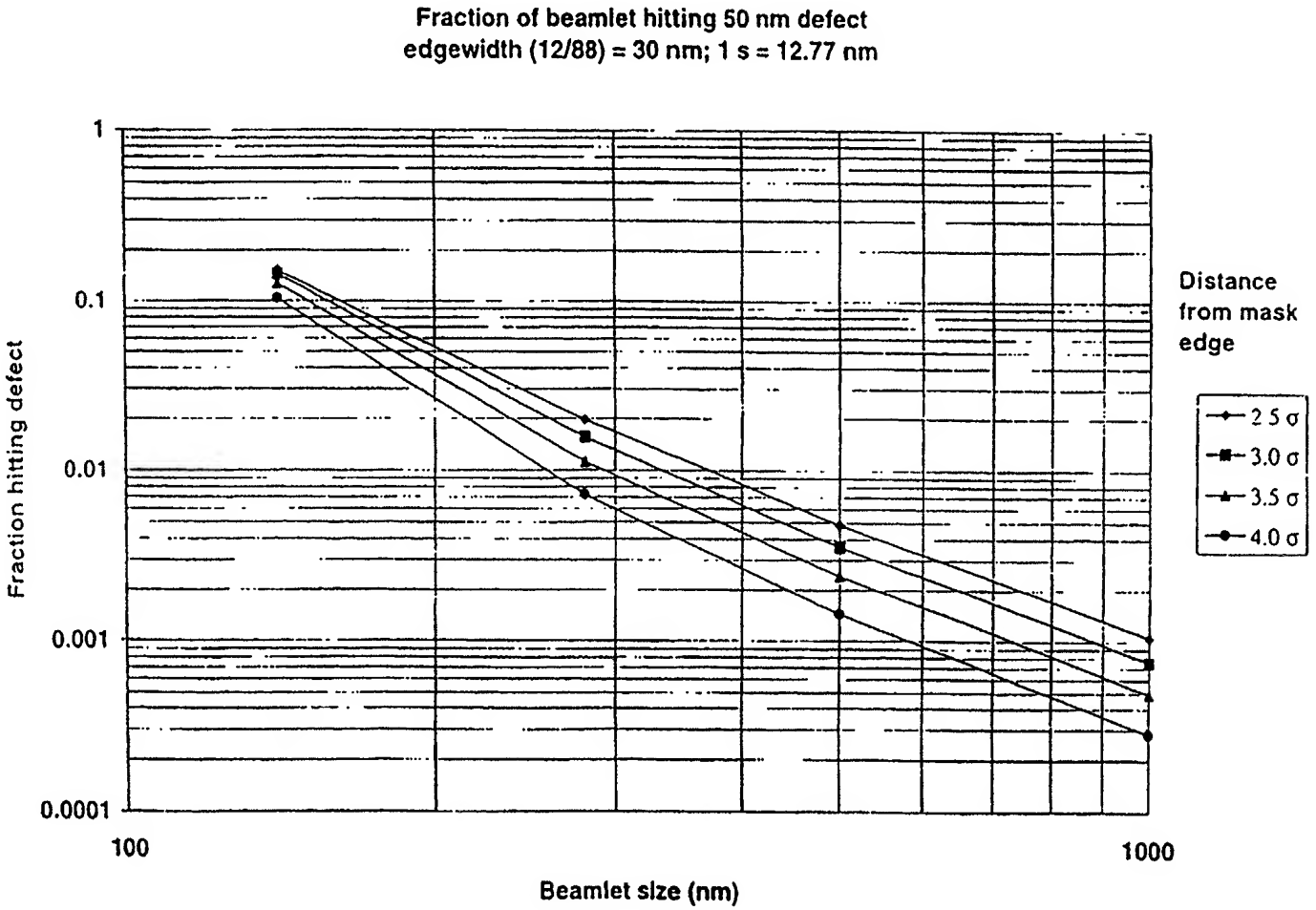


FIG. 15B

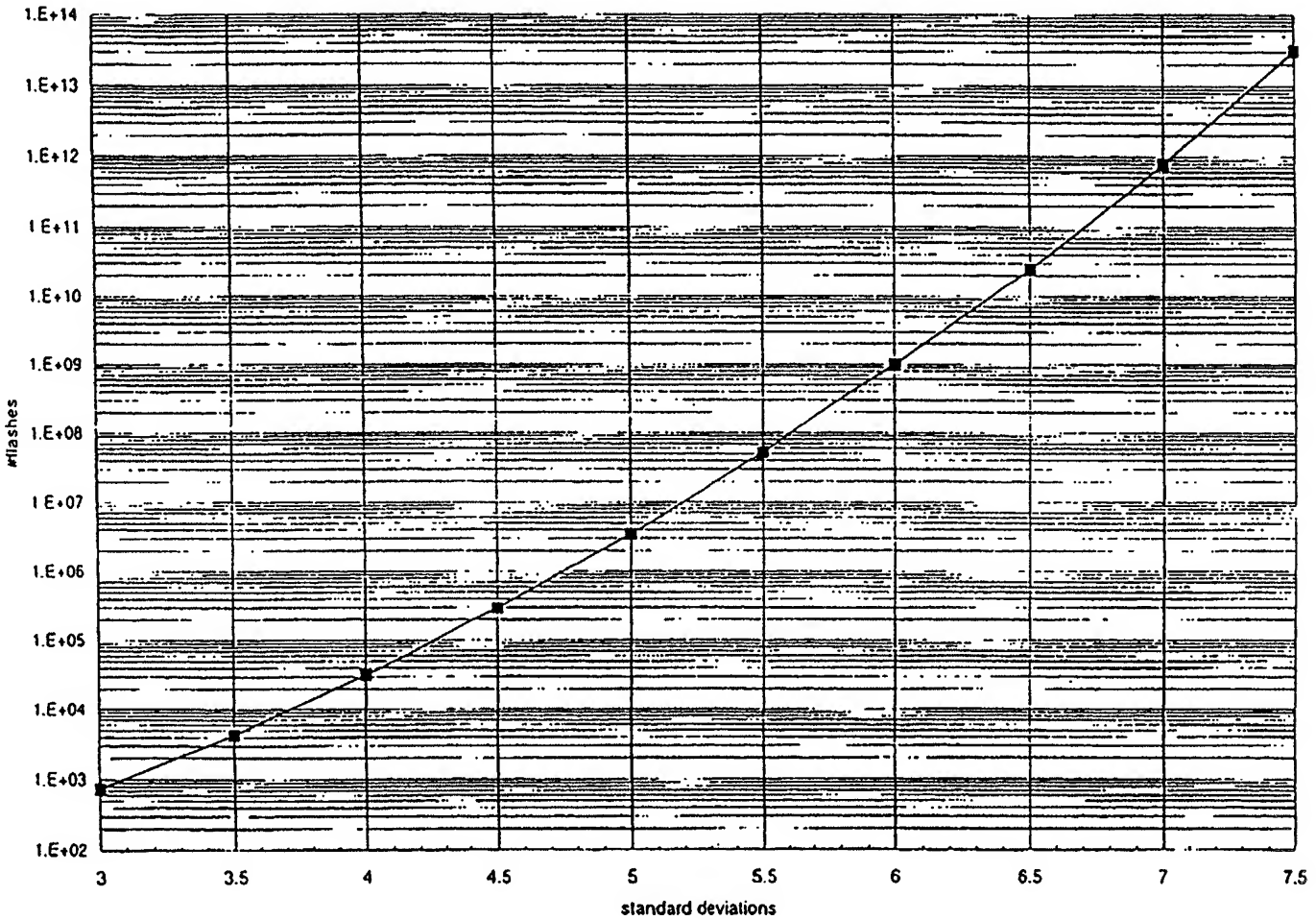

1.E+14
1.E+13
1.E+12
1 E+11
1.E+10
1.E+09
1.E+08
1 E+07
1.E+06
1.E+05
1.E+04
1.E+03
1.E+02
#flashes
3
3.5
4
4.5
5
5.5
6
6.5
7
7.5
standard deviations

Fig. 15C

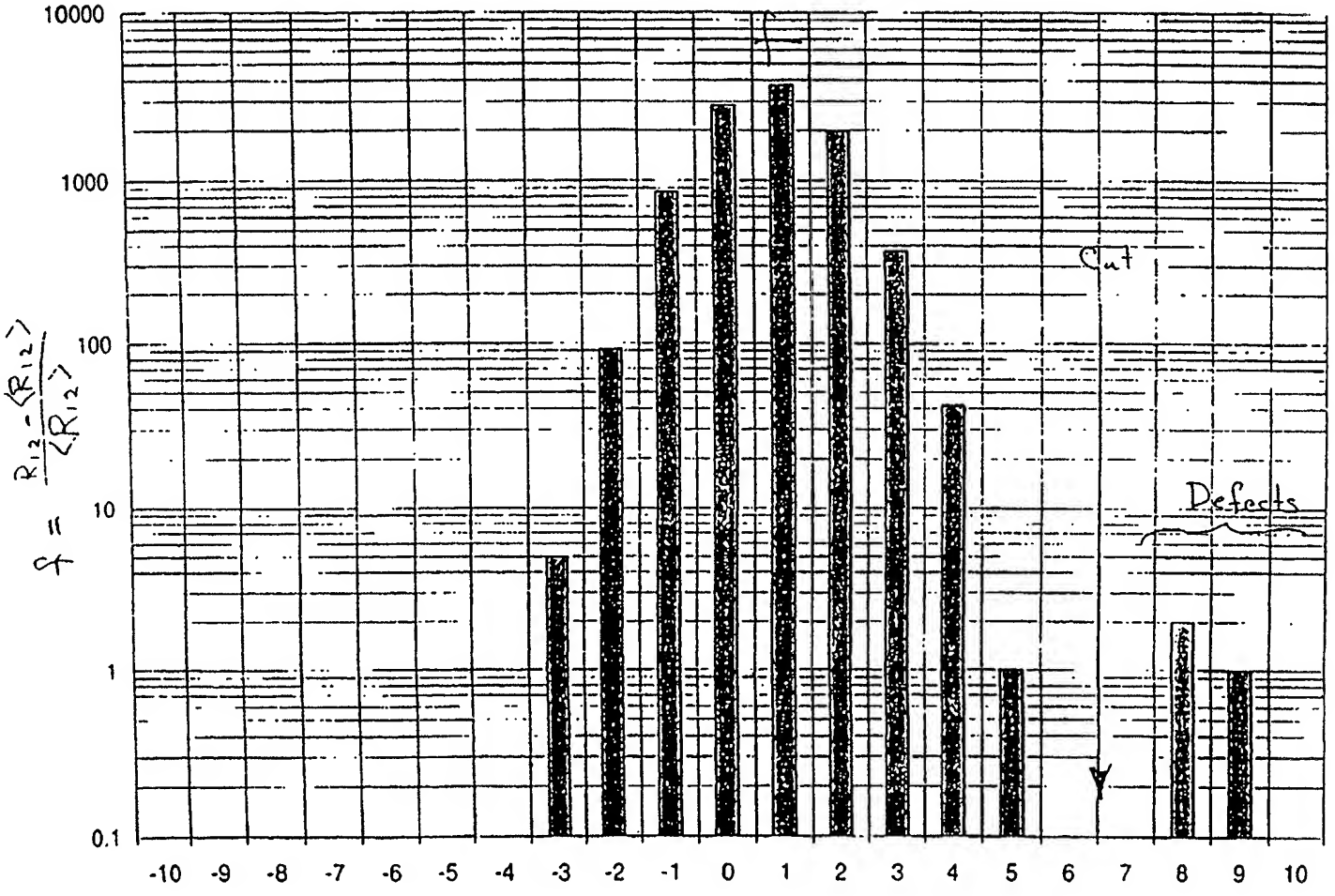

10000
1000
100
10
1
0.1
$\frac{R_{12}-\langle R_{12}\rangle}{\langle R_{12}\rangle}$
-10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10
Cut
Defects

Fig 15D

TOBTZT"6ZE920OT

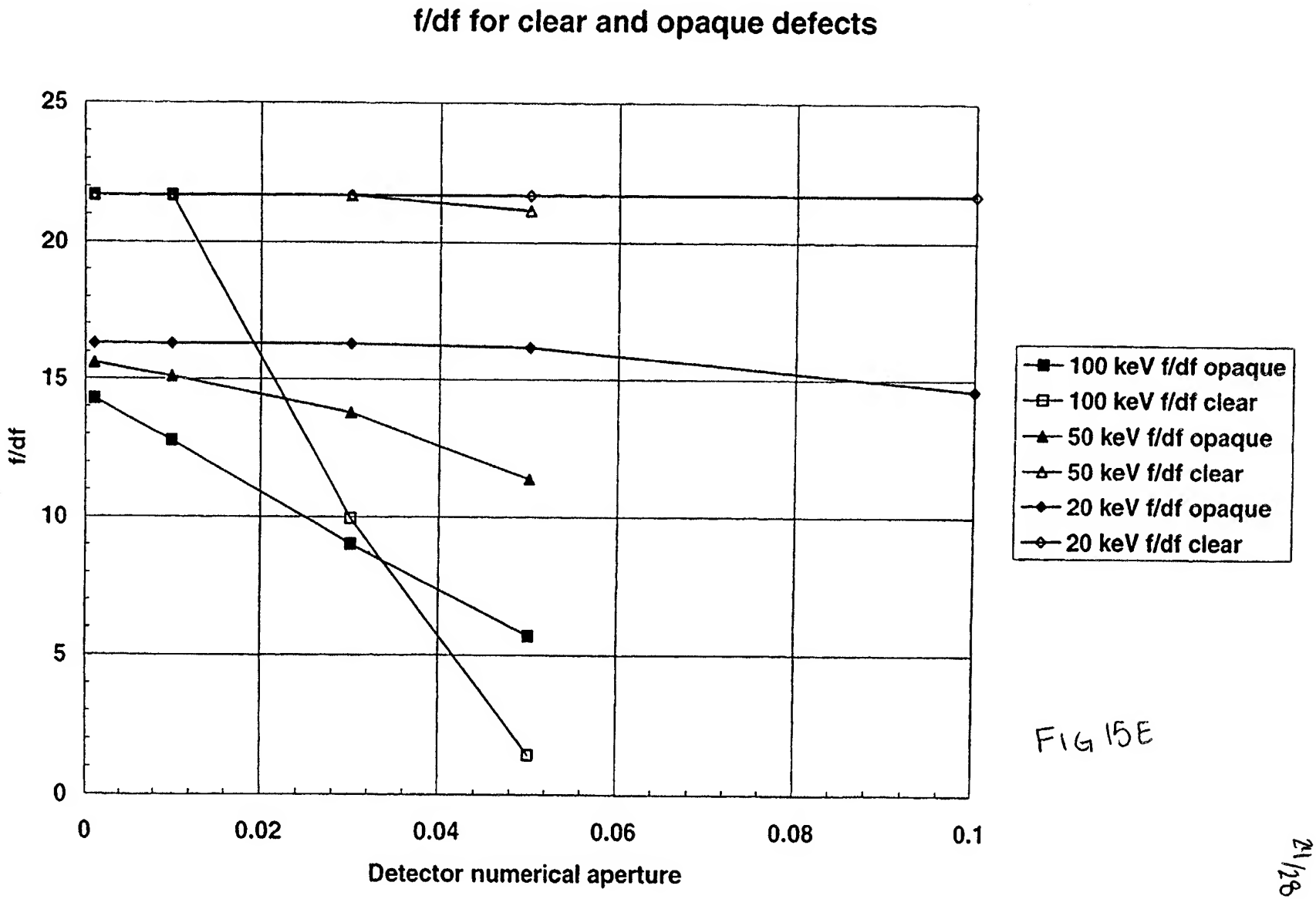


FIG 15E

PCT/US2005/046054

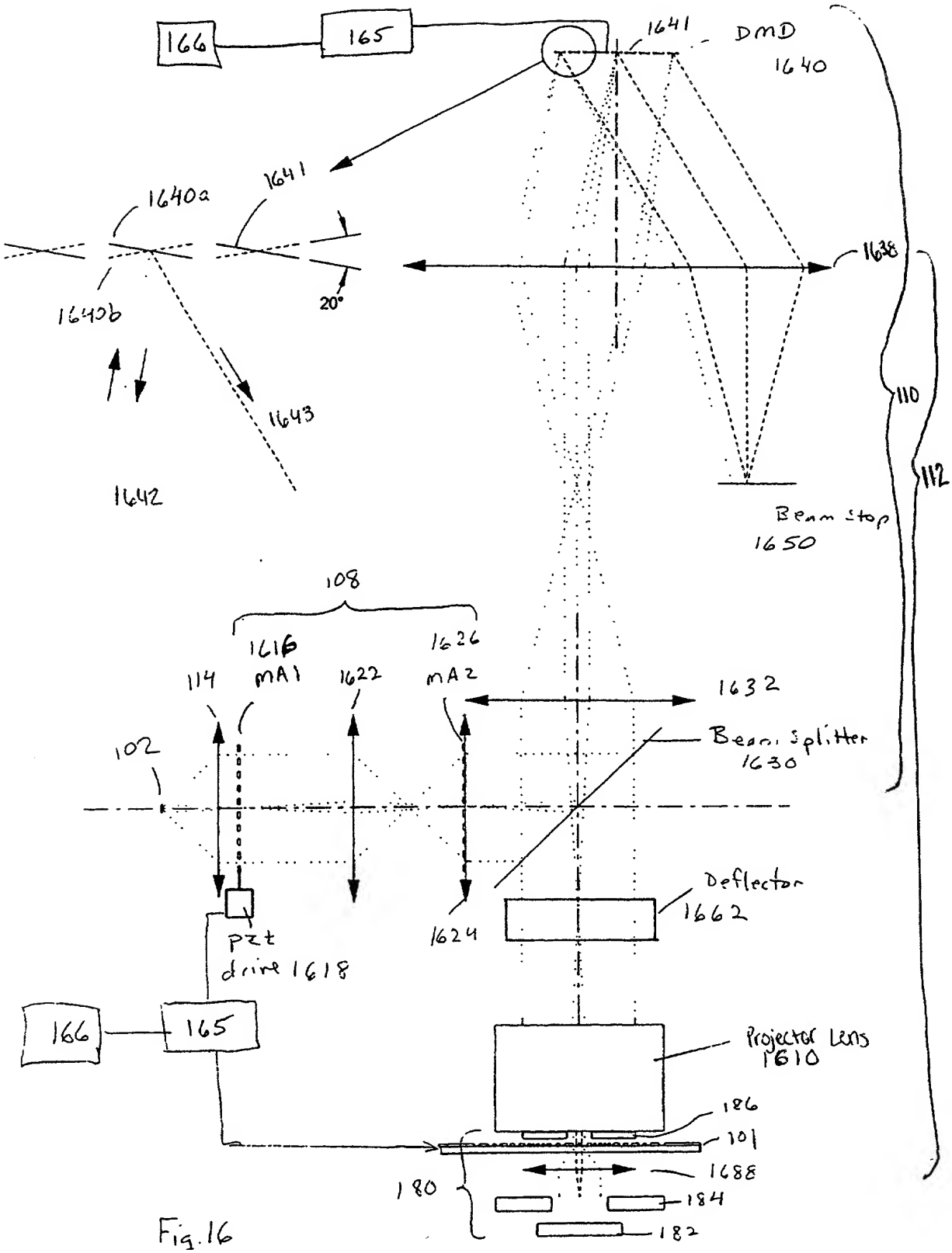


Fig. 16

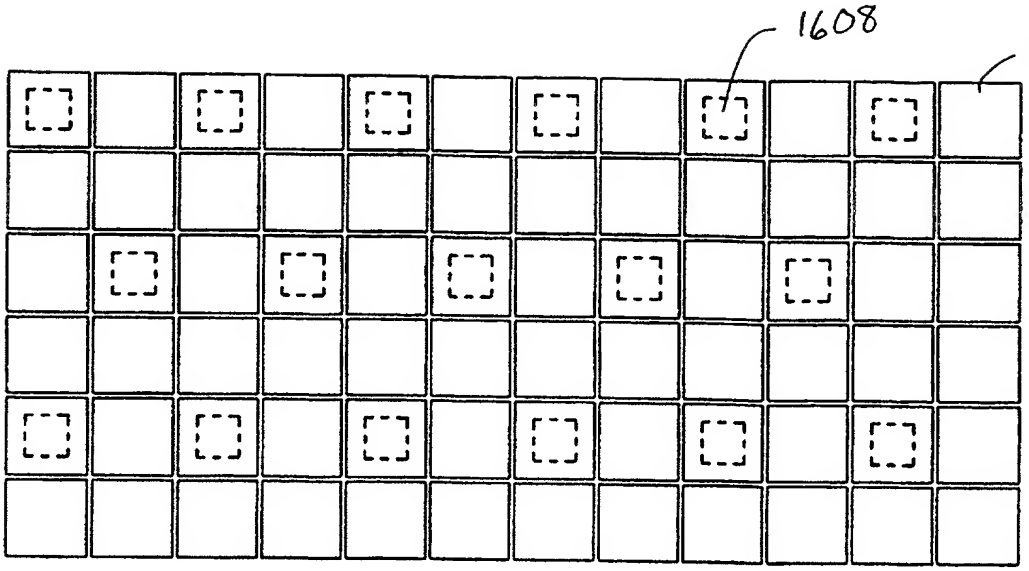


Fig. 17a

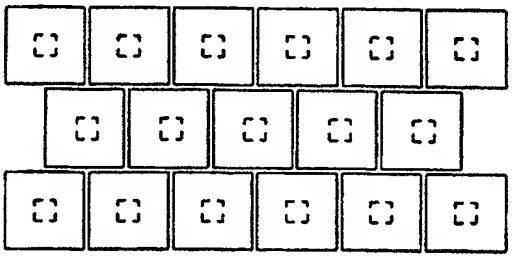


Fig. 17b

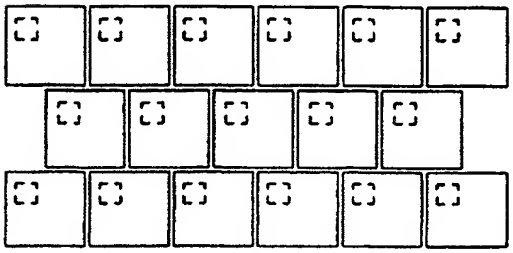


Fig 17c

1008376 - 1008376

WO 2004/097493 PCT/US2004/012904

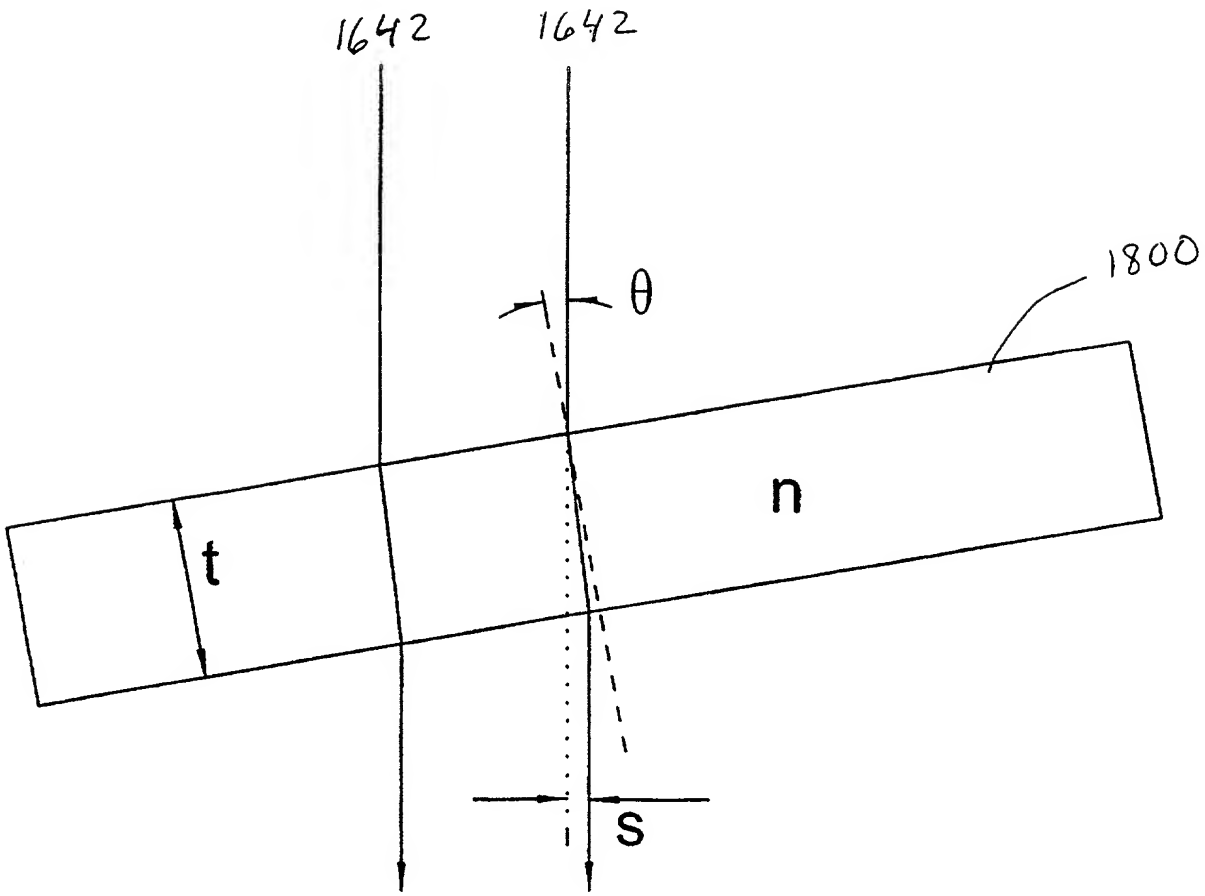


Fig 18

WO 2005/076890 PCT/US2005/004074

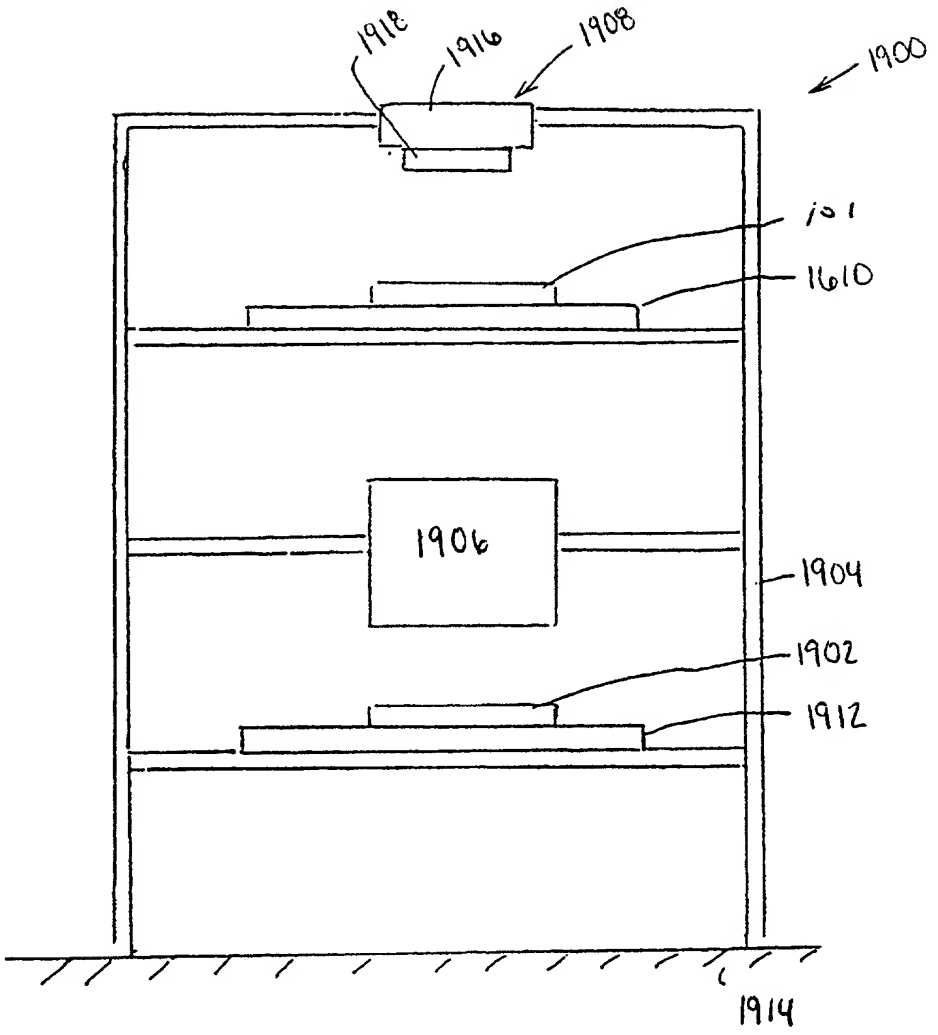


Fig 19